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Total Number of Pages in This Submission

Application Number	10/044,692
Filing Date	January 11, 2002
First Named Inventor	Cech, Thomas R.
Art Unit	1642
Examiner Name	Ungar, Susan NMN
Total Number of Pages in This Submission	Attorney Docket Number 015389-002640US

ENCLOSURES (Check all that apply)

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<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter		
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<input type="checkbox"/> Response to Missing Parts/ Incomplete Application				
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<table border="1"> <tr> <td>Remarks</td> <td>The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.</td> </tr> </table>			Remarks	The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.
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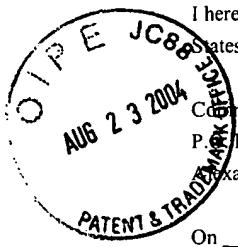
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Firm or Individual name	Townsend and Townsend and Crew LLP	Reg. No. 42,271
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Date	08/18/04	

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Signature		Date 8/19/04



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TOWNSEND and TOWNSEND and CREW LLP

By:

Nicole M. Wartell

PATENT
Attorney Docket No.: 015389-002640US
Client Reference No.: 018/213C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Thomas Cech et al.

Application No.: 10/044,692

Filed: January 11, 2002

For: HUMAN TELOMERASE
CATALYTIC SUBUNIT: DIAGNOSTIC
AND THERAPEUTIC METHODS

Examiner: Ungar, Susan NMN

Art Unit: 1642

**SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT UNDER 37
CFR §1.97 and §1.98**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

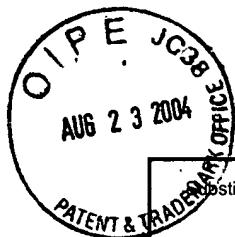
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Respectfully submitted,



Scott L. Ausenhus
Reg. No. 42,271

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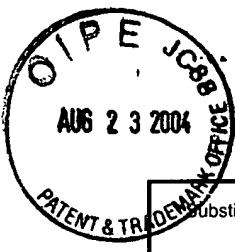
Information Disclosure Statement by Applicant (use as many sheets as necessary)				<i>Complete if Known</i>	
Sheet	1	of	2	Application Number	10/044,692
				Filing Date	January 11, 2002
				First Named Inventor	Cech, Thomas R.
				Art Unit	1642
				Examiner Name	Ungar, Susan NMN
				Attorney Docket Number	015389-002640US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1				
	A2				

FOREIGN PATENT DOCUMENTS							
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	B1						<input type="checkbox"/>
	B2						<input type="checkbox"/>

Examiner Signature		Date Considered	
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Substitute for form 1449B/PTO				Complete if Known	
				Application Number	10/044,692
				Filing Date	January 11, 2002
				First Named Inventor	Cech, Thomas R.
				Art Unit	1642
				Examiner Name	Ungar, Susan NMN
Sheet	2	of	2	Attorney Docket Number	015389-002640US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
	C1	ANDERSON, W. FRENCH "Human Gene Therapy" <i>Nature</i> , April 30, 1998, pp. 25-30, Vol. 392, Supp.		
	C2	CAMPBELL, KEITH & WILMUT, IAN "Totipotency or Multipotentiality of Cultured Cells: Applications and Progress" <i>Theriogenology</i> , January 1997, pp. 63-72, Vol. 47, Issue 1, Elsevier Science Inc.		
	C3	GEARHART, JOHN "New Potential for Human Embryonic Stem Cells" <i>Science</i> , November 6, 1998; pp. 1061-1062, Vol. 282, Issue 5391.		
	C4	HORNBY, PJ et al. "Adrenocortical Cells Immortalized by Telomerase: Potential Use for <i>Ex Vivo</i> Gene Therapy" <i>Journal of Anti-Aging Medicine</i> , 2000, pp. 411-417, Vol. 3, No. 4.		
	C5	OSTLER ELIZABETH L. et al. "Telomerase and the Cellular Lifespan: Implications for the Aging Process" <i>J. of Pediatric Endocrinology & Metabolism</i> , 2000, pp. 1467-1476, Vol. 13, Supplement 6, Freund Publishing House Ltd. London.		
	C6	THOMSON, JAMES A. et al. "Embryonic Stem Cell Lines Derived from Human Blastocysts" <i>Science</i> , November 6, 1998; pp. 1145-1147, Vol. 282, Issue 5391.		
	C7			

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.